

OPINION 1216

CALYMENE VARIOLARIS BRONGNIART, 1822
(TRILOBITA): DESIGNATION OF NEOTYPE

RULING.— (1) Under the plenary powers, it is hereby ruled that the nominal species *Calymene variolaris* Brongniart, 1822 is to be interpreted by reference to the neotype designated by Tripp, Temple & Gass, 1977.

(2) The specific name *variolaris* Brongniart, 1822, as published in the binomen *Calymene variolaris*, and interpreted according to the ruling given in (1) above, is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2807.

HISTORY OF THE CASE Z.N.(S.)2189

An application for the use of the plenary powers to designate a neotype for *Calymene variolaris* Brongniart, 1822 was first received from Dr R.P. Tripp (*British Museum, Natural History*), Dr J.T. Temple (*Birkbeck College, London*) and Dr K.C. Gass (*Milwaukee, U.S.A.*) on 14 July 1976. It was sent to the printer on 16 November 1976 and published on 31 March 1977 in *Bull. zool. Nom.* vol. 33, pp. 250–252. Public notice of the possible use of the plenary powers in the case was given in the same part of the *Bulletin* as well as to 11 general and two palaeontological periodicals.

An alternative proposal put forward by Howells and others (*Bull. zool. Nom.* vol. 35, pp. 15–16) was opposed by Tripp (*ibid.*) and also by Dr Ferdinand Prantl (*Prague*). No other comments were received.

DECISION OF THE COMMISSION

On 29 June 1981 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1981)12 for or against the proposals set out in *Bull. zool. Nom.* vol. 33, p. 252. At the close of the voting period on 29 September 1981 the state of the voting was as follows:

Affirmative Votes — eighteen (18), received in the following order: Melville, Holthuis, Alvarado, Halvorsen, Mroczkowski, Vokes, Sabrosky, Willink, Kraus, Bayer, Hahn, Cogger, Habe, Binder, Corliss, Nye, Heppell, Welch

Negative Votes — Tortonese, Bernardi.

Trjapitzin was on leave of absence. A late affirmative vote was received from Brinck and a late negative vote from Lehtinen. No votes were returned by Dupuis and Starobogatov.

The following comments were sent in by members of the Commission with their voting papers:

Tortonese: 'Murchison's specimen not being conspecific with Brongniart's cannot be accepted as neotype of the latter's species.'

Bernardi: 'J'approuve le point de vue de Howells *et al.*'

ORIGINAL REFERENCES

The following is the original reference for a name placed on an Official List by the ruling given in the present Opinion:

variolaris, *Calymene*, Brongniart, 1822, *Histoire naturelle des Crustacés fossiles...les Trilobites*, pp. 14-15 (Paris).

The following is the original reference to a neotype designation ratified by the ruling given in the present Opinion: of the specimen figured by Murchison, 1839, *Silurian System*, pl. 14, fig. 1 as neotype of *Calymene variolaris* Brongniart, 1822, by Tripp, Temple and Gass, 1977, *Bull. zool. Nom.*, vol. 33, p. 251.

CERTIFICATE

I hereby certify that the votes cast on V.P.(81)12 were cast as set out above, that the proposal contained in that voting paper has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion No. 1216.

R.V. MELVILLE

Secretary

International Commission on Zoological Nomenclature

London

15 December 1981